

# Secure Equipment Rack Door Assembly, Invented by Matthew Tarasewicz

## CLAIMS

What I claim as my invention is:

1. A secure door assembly for an equipment rack, comprising:
  - a) a first and a second mounting bracket fastenable to said equipment rack, each said mounting bracket comprising a rear plate portion and a side plate portion, said rear plate portion being located at a first end of said side plate portion; and
  - b) a door hingeably fastenable to said slotted hinge apertures of said mounting bracket, the door pivotally moveable relative to said mounting bracket;
2. The secure door assembly of claim 1, wherein said mounting brackets include an L shape.
3. The secure door assembly of claim 1, wherein said side plate portion includes a plurality of cable management fingers.
4. The secure door assembly of claim 3, wherein said plurality of cable management fingers includes a hinge aperture.
5. The secure door assembly of claim 1, wherein said door includes a plurality of hinge posts along a first side.
6. The secure door assembly of claim 4, wherein said hinge apertures are sized and spaced to accommodate said hinge posts of said door.
7. The secure door assembly of claim 1, wherein said rear plate portion comprises a plurality of mounting points sized and spaced to accommodate the mounting holes of said equipment rack.
8. A method of mounting a secure door assembly to an equipment rack, the method comprising the steps of:
  - a) securing a first mounting bracket to said equipment rack, said first mounting bracket comprising a side plate portion, a rear plate portion at a first end of said side plate portion, a plurality of cable management fingers located at a second end of said side plate portion, said cable management fingers including a hinge aperture, and a plurality of mounting points located along said rear plate portion;
  - b) securing a second mounting bracket to said equipment rack, said second mounting bracket comprising a side plate portion, a rear plate portion at a first end of said side plate portion, a

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plurality of cable management fingers located at a second end of said side plate portion, said cable management fingers including a hinge aperture, and a plurality of mounting points located along said rear plate portion;and

- c) inserting a plurality of hinge posts located along a first side of said door into said slotted hinge apertures of said first mounting bracket, wherein said door is sized to span from said first mounting bracket to said second mounting bracket.
9. The method of claim 8, wherein said first and said second mounting brackets are secured to said equipment rack utilizing a plurality of dress screw holes located on said equipment rack.
  10. The method of claim 9, wherein said first and said second mounting brackets are attached to said equipment rack in opposition to each other.
  11. The method of claim 10, further comprising the step of attaching said door to said first mounting bracket.